

Technika

EXCLUSIVELY FROM **TESCO**

Freeview

DVB-T

HD
ready

digital

32" HD Ready LCD/DVD TV

WATCH UP TO 50 DIGITAL FREEVIEW™ CHANNELS OR PLAY LATEST DVDS

- ▶ FREEVIEW™ Built-In
- ▶ Integrated DVD Player



Model 32-612

User Guide

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Thank you for purchasing this Technika HD Ready LCD/DVD TV which has been designed and manufactured to give you many years of trouble-free service.

You may already be familiar with using a similar product but please take time to read these instructions which have been written to ensure you get the very best from your purchase.

Throughout the remainder of this user guide the Technika HD Ready LCD/DVD TV will be referred to as the 'TV'.

HDMI

HDMI (High Definition Multimedia Interface) is the next generation of digital interface. Unlike conventional connections, it transmits uncompressed digital and audio signals using a single cable. This TV supports high-definition video input (720p and 1080i) via the HDMI sockets on the back of the TV.

Safety is Important

To ensure your safety and the safety of others, please read the Safety precautions **BEFORE** you operate this product.

Keep this information in a safe place for future reference.

In the box

You will find the following:

- **HD Ready LCD/DVD TV**
- **User Guide**
- **Power Cable**
- **Remote Control**
- **2 x AAA Batteries**



Note: If any of the items listed are damaged or missing, please contact the TESCO electrical help line on 0845 456 6767.

IMPORTANT SAFETY INSTRUCTIONS - READ CAREFULLY BEFORE USE

Take note of the following safety information which appears on the back of this TV.



**CAUTION! RISK OF ELECTRIC SHOCK
DO NOT OPEN.
TO REDUCE THE RISK OF ELECTRIC
SHOCK DO NOT REMOVE COVER (OR
BACK).
NO USER-REMOVABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.**



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this TV.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this TV.

Keep these instructions.

- Do not use this TV near water.
- Clean only with a slightly damp cloth.
- Do not block any ventilation openings.
- Install in accordance with the supplied this User Guide.
- Do not install or operate near any heat sources such as radiators, stoves, or other apparatus that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, and the point where it exits from the TV.
- Do not allow the power cord to overhang the edge of a table.
- Unplug this TV during lightning storms or when unused for long periods of time.

- To avoid interference, switch this TV off while operating other radio devices in the immediate vicinity.
- Refer all servicing to qualified service personnel. Servicing is required when the TV has been damaged in any way, such as the power cord or plug being damaged, liquid being spilled on or objects have fallen onto the TV, the TV has been exposed to rain or moisture, does not operate normally, or has been dropped.



**WARNING! TO REDUCE THE RISK
OF FIRE OR ELECTRICAL SHOCK,
DO NOT EXPOSE THIS TV TO RAIN
OR MOISTURE. THE TV MUST NOT
BE EXPOSED TO DRIPPING AND
SPLASHING AND NO OBJECTS FILLED
WITH LIQUIDS SHOULD BE PLACED ON
THE TV.**

- No naked flame sources such as candles should be placed on the TV.

Caution! Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

Caution! Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure.

Important

This TV generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to radio communication. However, this is no guarantee that interference will not occur in a particular installation. If the TV does cause harmful interference to electrical devices, which can be determined by turning the TV off and on,

the user is encouraged to try to correct the interference by one of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the external device and the TV.
- Connect the external device into an outlet on a circuit different from that to which the TV is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Electrical Information

Mains Supply

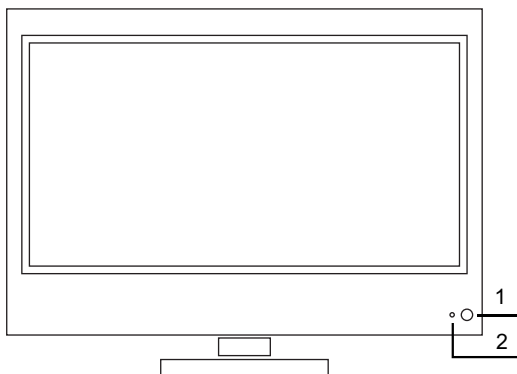
The mains operating voltage is detailed on the rating plate on the rear of the TV.

The mains lead on this equipment may be supplied with a moulded plug incorporating a fuse. Should the fuse need to be replaced, an ASTA or BSI approved BS1362 fuse must be used of the same rating. If the fuse cover is detachable never use the plug with the cover removed. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug. If there is no alternative to cutting off the mains plug, dispose of it immediately, having first removed the fuse, to avoid a possible shock hazard by inadvertent connection to the mains supply.

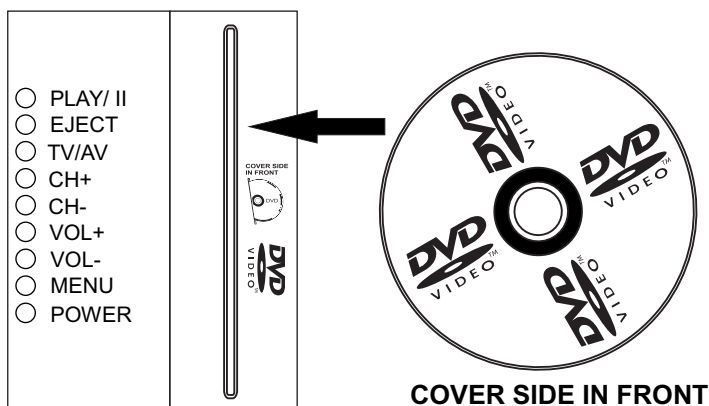
FRONT PANEL

1. IR sensor window

2. Indicator (the indicator is red when in standby mode, and green when in working normally).



LOCAL KEYBOARD PANEL



PLAY/II – start of play or pause of play

EJECT – take the disk out

TV/AV – select input source

CH+ - increase channel number

CH- - decrease channel number

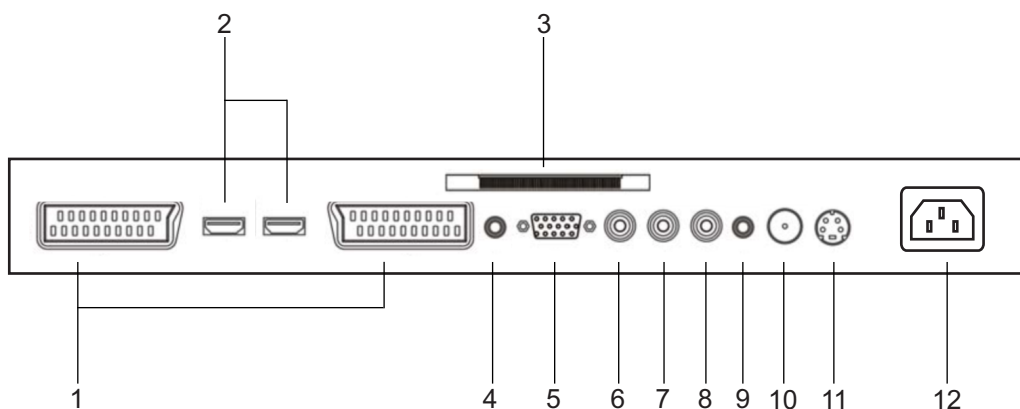
VOL+ - increase sound volume

VOL- - decrease sound volume

MENU – enter or exit menu

POWER – switch between standby and power-on mode

BACK PANEL



1. SCART connecting terminals
2. HDMI inputs
3. CI connector
4. PC audio input
5. PC VGA input
6. Y input
7. Pb input
8. Pr input
9. Audio Earphone output
10. TV signal input (75 Ohm)
11. S-Video input
12. AC Power supply



WARNING! ENSURE THE TV AND ALL ANCILLARY EQUIPMENT IS UNPLUGGED FROM THE MAINS BEFORE MAKING ANY CONNECTIONS!

Connecting the TV antenna

Connect the TV antenna to the aerial socket with a 75 ohm co-axial plug. For best results use a high gain TV aerial, preferably roof or loft mounted.

- To improve picture quality in a poor signal area, purchase and install a signal amplifier.
- If the antenna needs to be split for two TV's, use a 2-Way Signal Splitter (not supplied).

Connecting external devices



Note: The TV will connect through the HDMI cable by default. Only use the HDMI cable and one other option. Connecting more than one option may cause interference.

HDMI lead

You can connect this TV to a compatible device using a HDMI lead. This method will give the best picture.

Connect the cable from the HDMI equipment to the TV HDMI socket.

SCART lead

You can connect this TV to a compatible device using a SCART lead. The connection uses component video signals, i.e. the red, green and blue (RGB) content of the video are sent on separate signals.

VGA cable

You can use your TV as a monitor for your personal computer by using a VGA cable. Sound from your personal computer may also be played through the TV. This requires the audio output of the personal computer to be connected to the AUDIO IN connection of the TV.

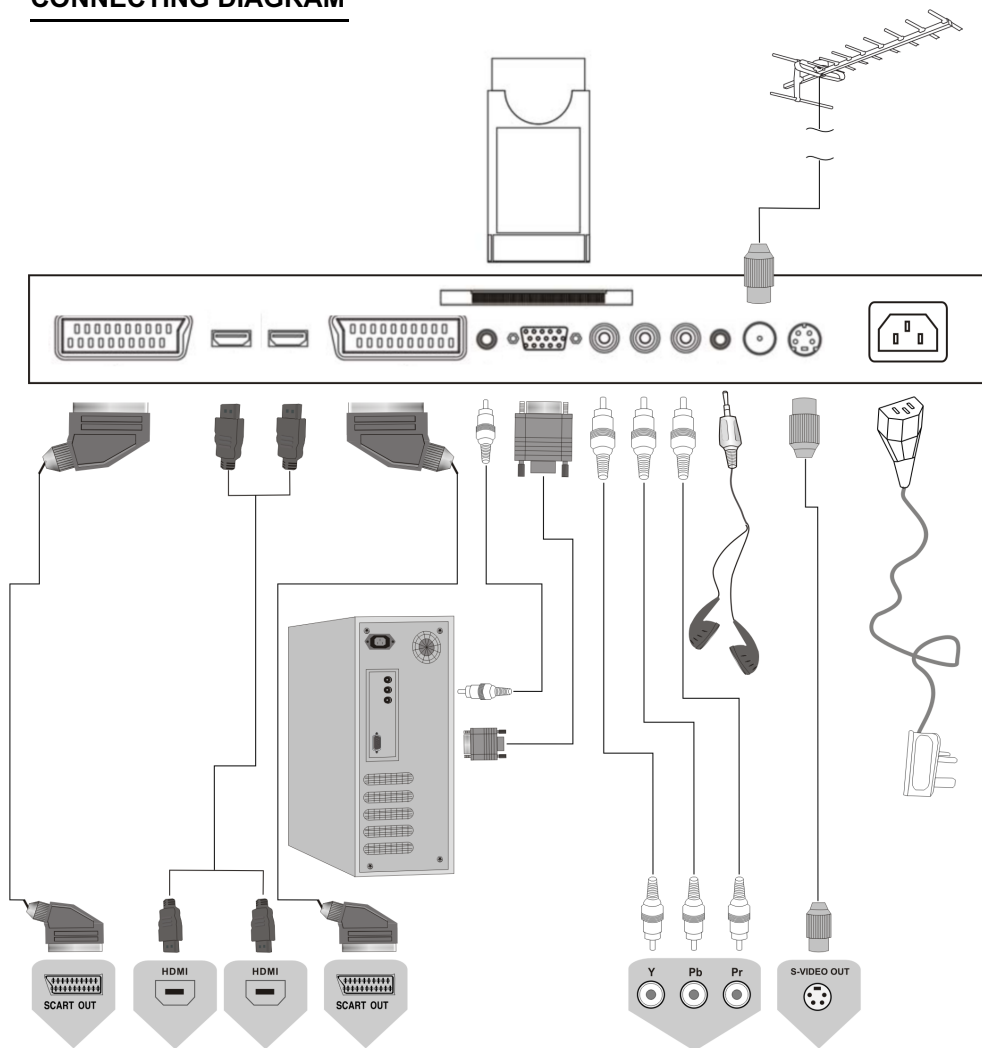
S-VIDEO lead

You can connect this TV to a compatible device using an S-VIDEO lead.

Component Input (Y/Pb/Pr cables)

You can connect this TV to a compatible device using Y/Pb/Pr cables. Connect the red, green and blue outputs to the matching coloured inputs on the compatible device. An additional audio input is required.

CONNECTING DIAGRAM



i NOTE

You should insert all necessary cables BEFORE plugging in power cord.

COMMON INTERFACE

The Common Interface (CI) slot is designed to accept the Conditional Access Module (CAM) and Smart Card in order to view the pay TV programmes and additional services. Contact your Common Interface service provider to get more information about the modules and subscription.

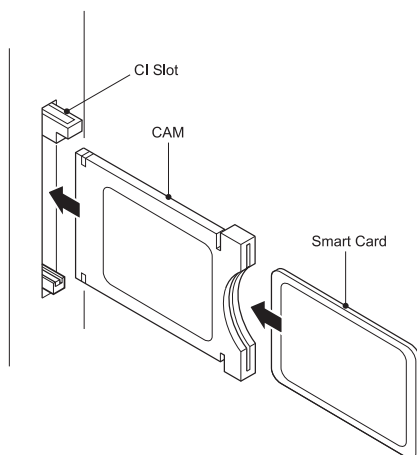


Note: Conditional Access Modules and Smart Cards are sold separately.



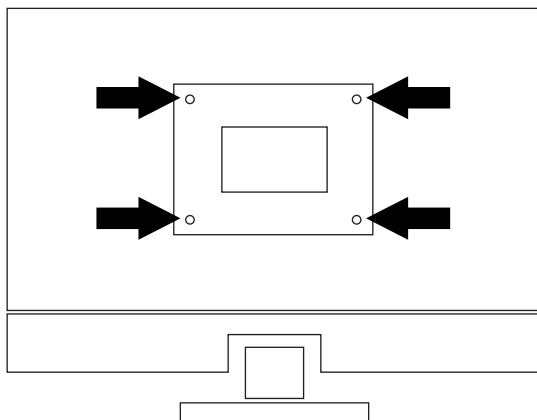
WARNING: SWITCH OFF YOUR TV BEFORE ANY MODULE IS INSERTED IN THE COMMON INTERFACE SLOT.

The CI slot is located on the side of your TV. Insert the CAM correctly into the CI slot, then add the Smart Card to the CAM.



WALL MOUNTING

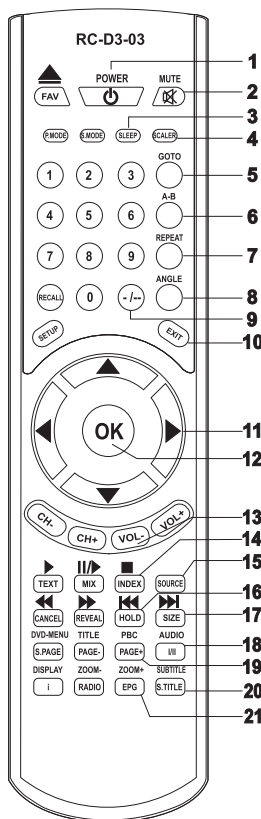
Suitable for wall mounting - VESA 400 x 200 mm



1. The base must first be removed. Place the TV face down.
2. Remove the three screws holding the base in position.
3. Remove and store the base and screws.
4. Use four machine screws (M4 x 10 mm) to mount the TV on the bracket.

Mounting the wall bracket - please refer to the user instructions supplied with the wall bracket (not supplied).

REMOTE BUTTONS



18 AUDIO / I/II

To change the audio language and sound track, valid in digital TV and DVD mode.
To switch the audio channel in NICAM/A2 or Mono TV channel (valid in analogue TV).

19 PBC/PAGE+

To setup the PBC on/off in DVD mode /browse the next page of teletext in analogue TV mode.

20 SUBTITLE

To select subtitle's language or switch to JPEG display mode, valid in DVD and digital TV mode.

21 ZOOM+/EPG

To zoom in to the picture valid in DVD mode / To display the program guide valid in digital TV mode.

1 POWER

To switch between standby mode and power-on mode.

2 MUTE

Sound mute switch.

3 SLEEP

To setup the sleep timer.

4 SCALER

To switch video format between "Auto", "16:9" 4:3, ZOOM1, ZOOM2 (not valid in VGA)

5 GOTO/RED

To play from a certain time point (valid in DVD mode) / select page in analogue TV teletext mode.

6 A-B/GREEN

To segment repeat (valid in DVD mode) / select page in analogue TV teletext mode.

7 REPEAT/YELLOW

To repeat playback (valid in DVD mode) / select page in analogue TV teletext mode.

8 ANGLE/BLUE

To change camera angle in DVD mode when playing DVD disc / select page in analogue TV teletext mode.

9 TWO-DIGIT number button

To switch between one or two-digit number valid in DVD.

10 EXIT

To exit or back to previous menu.

11 Left/Right cursor (menu adjustment)

To move left/right or adjust the selected item in the menu, or adjust sound volume (not valid in DVD, digital TV).

12 OK button

To confirm the selections.

13 VOL+/-

To increase or decrease sound volume.

14 INDEX/ ■

To display the teletext time in TV mode (not valid for MHEG5).

To display main content page when playing the teletext in analogue TV / To stop playing valid in DVD mode.

15 SOURCE

To select input source: DTV, ATV, DVD, SCART, AV, COMPONENT, S-VIDEO, HDMI and VGA.

16 HOLD/ ◀◀

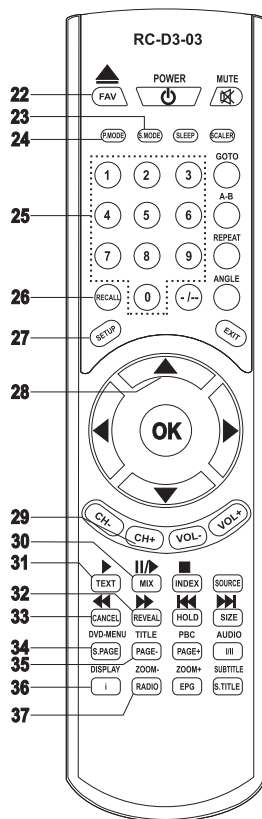
To stop teletext on current page in analogue TV / To select the previous chapter or track, valid in DVD mode.

17 SIZE/ ▶▶

To magnify teletext page in analogue TV / To select the next chapter or track in DVD mode.

REMOTE BUTTONS

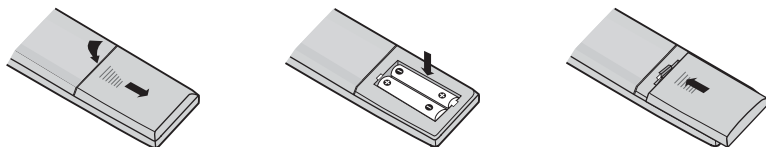
- 22 EJECT/FAV**
Disc in/out ,valid in DVD mode/To switch to favourite list, valid in digital TV mode.
- 23 S-MODE**
To select sound field modes: Music, Film, News and User.
- 24 P-MODE**
To select picture mode: Standard, Dynamic, Soft, User(not valid in VGA mode).
- 25 Number button**
To select program number.
- 26 RECALL**
To swap between a previous program and the current program in analogue TV and digital TV.
- 27 SETUP**
To display setup menu, different in different source mode.
- 28 UP/DOWN cursor**
To select up/down in the menu or change the channel, valid in analogue TV and digital TV mode.
- 29 CH+/-**
To increase or decrease program number valid in analogue TV and digital TV mode.
- 30 MIX/ II>**
To display analogue TV and teletext in the same time/pause playing/steps playback in pause mode, valid in DVD mode.
- 31 TEXT/ ►**
To enable or disable the function of teletext or MHEG5 /To playback, valid in DVD mode.
- 32 REVEAL/ ►►**
To display the hidden teletext information in analogue TV/To fast-forward DVD playback, valid in DVD mode.
- 33 CANCEL/ ◀◀**
To cancel teletext in analogue TV/ To fast backward playback, valid in DVD mode.
- 34 DVD-MENU/S.PAGE**
To go to the menu of DVD menu ,valid in DVD mode/To go to the sub page of teletext, valid in analogue TV mode.
- 35 TITLE/PAGE-**
To go to the DVD menu, valid in DVD mode/ browse the previous page of teletext in analogue TV mode.



- 36 DISPLAY**
To display track time in DVD mode/Display information in digital TV mode
- 37 RADIO/ZOOM-**
To switch between TV and radio modes, valid in digital TV mode /To zoom out to the picture valid in DVD mode.

BATTERY INSTALLATION

Remove the battery cover. Insert two SUM-4(AAA) batteries matching the -/+ polarities of the battery to the -/+ marks inside the battery compartment, as follows:



BATTERY LIFE

- Normally, battery can be used for one year.
- If the remote control is still not working, when very near to the TV's remote sensor window, please use new batteries.
- Please use SUM-4(AAA) battery.

***i* NOTES**

- Never use rechargeable battery.
- Never charge, short-circuit, disassemble and heat the battery, or throw it into fire.
- Pay attention not to fall or knock the remote controller, which will cause damage or function failure to it.
- Do not use a new and an old battery together.
- When not using the remote controller for a long time, please take out the battery to avoid liquid leakage. Before replacing a new battery, please clean the electrolyte in the remote controller.
- If electrolyte splashes into the body, please clean it with water.

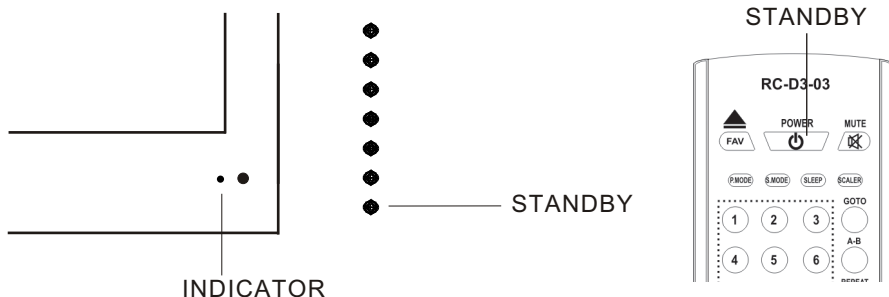
CAUTION:

Please put the battery into a place children cannot touch. If swallow by accident, please contact your local doctor immediately.

SWITCHING ON

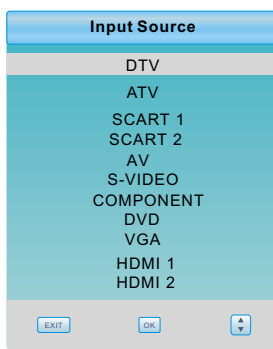
After the unit has been suitably placed / fixed, on the table or on the wall, and all necessary cables including the power have been connected, the next you should do is:

Press the [STANDBY] button on the remote control to make the unit switch to power-on mode - you will see the LED indicator turn green. Now you can enjoy the many features of your new TV.



SELECTING SOURCE OPERATION

You can select input source by using source menu. Press [SOURCE] button to show the menu as follows:



The current source item is highlighted. Through press [▲/▼] button on the remote control or [CH+/CH-] key on the LCD TV to select your required source, press [◀/▶] button, [VOL+/VOL-] key or [OK] button to confirm your choice.

In DTV mode, press [SETUP] button into the main menu and the main menu will show as follows:

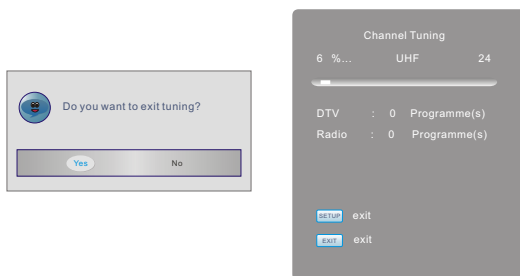
- Press [▲/▼] button on the remote control, you can select main menu sections (main menu sections consist of) "DTV SETTING", "PICTURE", "SOUND", "FUNCTION". Press [▶] or [OK] button to enter this menu section.
- Press [▲/▼] button on the remote control to select the item, and then press [◀/▶] button to adjust parameter value. Press [SETUP] button to return to main menu sections.

DTV SETTING

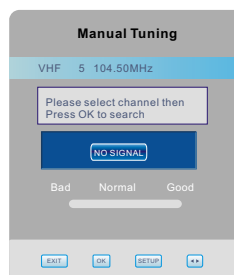
Select DTV SETTING item to adjust channels. You may select auto Tuning, Manual Tuning, Programme Edit, Audio Language, Subtitle Language, Time and Preference.



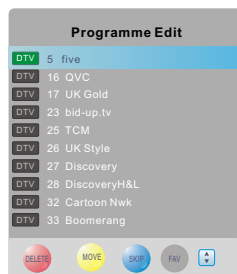
- Auto Tuning item enables you to adjust channel setting automatically.



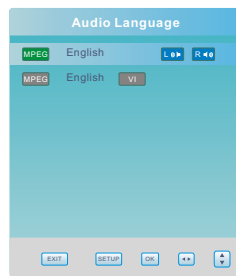
- Manual Tuning item enables you to change channel settings.



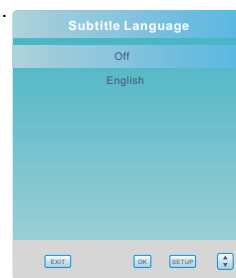
- Programme Edit item enables you to enter submenu.



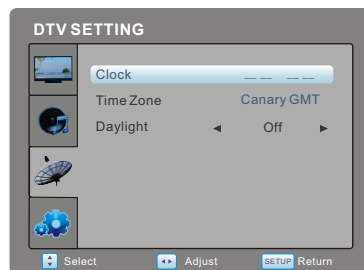
- Audio Language item enables you to adjust audio language.



- Subtitle language item enables you to adjust subtitle language.



- Time item enables you to enter submenu.
 - Clock to adjust the real time.
 - Time Zone to adjust the time zone from Canary GMT to Berlin GMT+1.
 - Daylight to adjust summer time off or on.



- Preference item enables you to enter the lock system submenu.

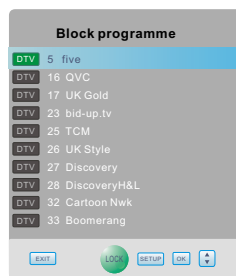
- Lock System item enables you to lock the auto tuning, manual tuning, programme edit and block programme. if you want to change the lock system, you must enter a password first.



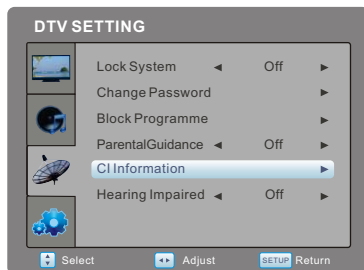
- Change password item enables you to change the locked password.



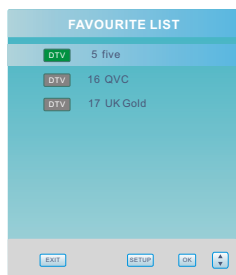
- Block Programme item enables you to set the lock channel.



- Parental Guidance item enables to set guidance (Off, from 4 to 18).
- CI Information item enables to read the SMART card information.
- Hearing Impaired item enables to set the hearing impaired off or on.



- Favourite List item enables to display favourite channel and select the current channel in the list.



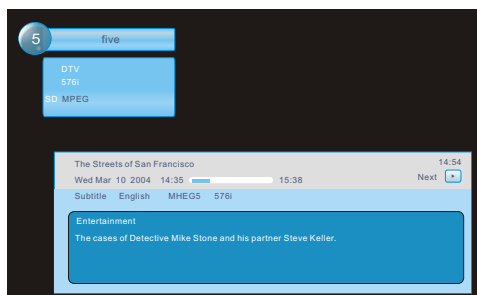
■ ELECTRONIC PROGRAM GUIDE (EPG)

By pressing the EPG button, an Electronic Program Guide is displayed. The EPG supplies information, such as program lists, start and end times of all available channels. In addition, the detailed information about the program is often available in the EPG. (The availability and the amount of program details will vary depending on the broadcaster.)



■ INFORMATION

To obtain more information about present and following events, you can press twice [OK] button. Like previously, the following event is displayed by pressing the [◀/▶] buttons (toggle between present and following events):



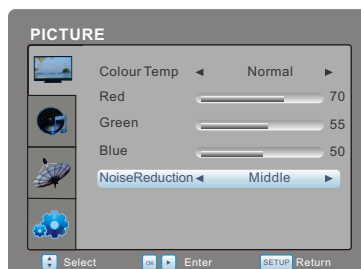
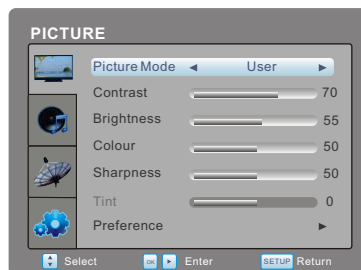
PICTURE

Select PICTURE item to adjust picture parameters. You may adjust Picture Mode, Contrast, Brightness, Colour, Sharpness, Tint and Preference.

- Picture mode item can be changed between User, Standard, Soft, Dynamic

You may adjust Brightness, Contrast, Colour, Sharpness, Tint for User mode.

- Preference item enables you to enter the sub menu. Colour Temp. item can select colour temperature mode: Standard, Warm, Cool and User.
- Noise Reduction item can select reduce noise mode: Off, Low, Middle, High.



SOUND

Select **SOUND** item to adjust sound parameters. You may adjust Sound Mode, Treble, Bass, Balance, Auto Volume and Surround Sound.

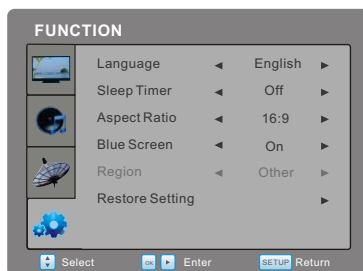
- Sound Mode item can be changed between Music, Film, News, User.
- Auto Volume item enables you to adjust off or on for control volume automatic.
- Surround Sound item enables you to select off or on for surround sound.



FUNCTION

Select **FUNCTION** item to adjust function parameters. You may select Language, Sleep Timer, Aspect Ratio, Blue Screen and Restore Setting.

- Language item enables you to select the OSD language.
- Sleep Timer item enables you to set the sleep timer (Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min and 240min)
- Aspect Ratio item can be changed between: Auto, 16:9, 4:3, ZOOM1, ZOOM2. Auto, ZOOM1, ZOOM2 not valid for VGA mode.
- Blue Screen item can be changed between On and Off.
- Region item can change between different regions.
- Restore Setting item enables you to reset all values to default.



This product can store up to 99-channel programs (1~99). You can select your favourite channel through pressing [CH+/-] or number buttons, and you can scan and store all of the channels through manual or automatic mode.

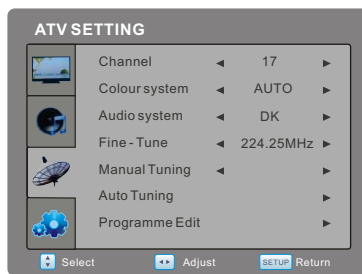
In ATV mode, press [SETUP] button into the main menu and the main menu will show as follows:

- Press [▲/▼] button on the remote control, you can select main menu sections (main menu sections consist of "ATV SETTING", "PICTURE", "SOUND", "FUNCTION"). Press [▶] or [OK] button to enter this menu section.
- Press [▲/▼] button on the remote control to select the item, and then press [◀/▶] button to adjust parameter value. Press [SETUP] button to return to main menu sections.

ATV SETTING

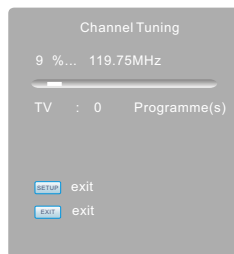
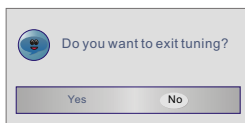
Select ATV SETTING item to adjust channels. You may select Channel, Colour System, Audio System, Fine-Tune, Manual Tuning, Auto Tuning and Programme Edit.

- Channel items enables you to change the channel number.
- Colour System item enables you to select the colour system: "AUTO", "PAL" and "SECAM".
- Audio System item enables you to select sound system: "B/G", "DK", "I" and "L".
- Fine-Tune item enables you to adjust the channel frequency accurately to make the sound and picture effect better.
- Manual Tuning item enables you to change channel settings.



i NOTES

- System will set "AUDIO SYSTEM" automatically. In some special conditions, "AUDIO SYSTEM" setting will be wrong, please adjust manually.
- "COLOUR SYSTEM" and "AUDIO SYSTEM" mode are according to the local ATV broadcasting system.
- If the local system is SECAML, set the "REGION" to "FRANCE", please refer "Function" in P25.
- Auto Tuning item enables you to adjust channel setting automatically.



- Programme Edit item enables you to enter submenu to set channel DELETE, RENAME, MOVE, SKIP, FAV.

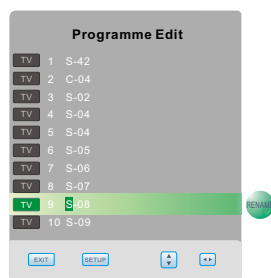
Press RED button to delete channel.

Press GREEN button to rename channel.

Press YELLOW button to move channel.

Press CYAN button to SKIP channel.

Press FAV button to set favourite channel.

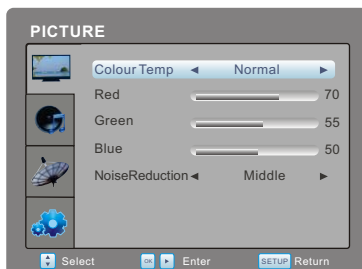
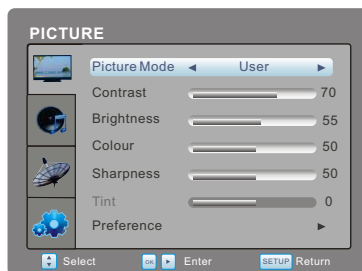


PICTURE

Select PICTURE item to adjust picture parameters. You may adjust Picture Mode, Contrast, Brightness, Colour, Sharpness, Tint and Preference.

- Picture Mode item can be changed between User, Standard, Soft, Dynamic.

You may adjust Brightness, Contrast, Saturation, Tint for user mode.



i NOTES

- You can't adjust TINT while watching TV channels.

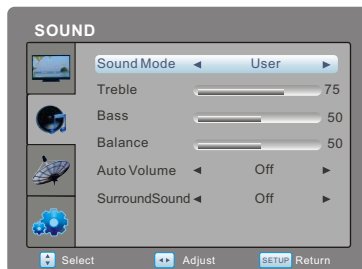
- Preference item enables you to enter the sub menu.

Colour Temp. item can select colour temperature mode: Standard, Warm, Cool and User.

SOUND

Select **SOUND** item to adjust sound parameters. You may adjust Sound Mode, Treble, Bass, Balance, Auto Volume and Surround Sound.

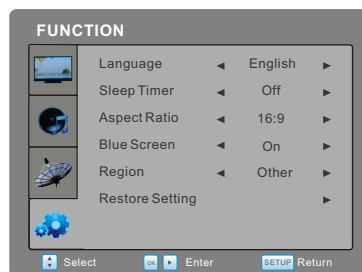
- Sound Mode item can be changed between Music, Film, News, User.
- Auto Volume item enables you to adjust off or on for control volume automatic.
- Surround Sound item enables you to select off or on for surround sound.



FUNCTION

Select **FUNCTION** item to adjust function parameters. You may select Language, Sleep Timer, Aspect Ratio, Blue Screen and Restore Setting.

- Language item enables you to select the OSD language.
- Sleep Timer item enables you to set the sleep timer (Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min and 240min).



- Aspect Ratio item can be changed between: Auto, 16:9, 4:3, ZOOM1, ZOOM2. Auto, ZOOM1, ZOOM2 not valid for VGA mode.
- Blue Screen item can be changed between On and Off.
- Region item enables you to set the analogue TV region.
- Restore Setting item enables you to reset all values to default.

Most TV stations provide cost-free teletext information, including the latest news, weather information, TV program list and stock information etc. You just input the needed teletext page according to the teletext content.

● TELETEXT DISPLAY

- ◆ Select the channel with teletext signal;
- ◆ Press [TEXT] button;
- ◆ Select the corresponding page according to the colorized buttons on the remote control;
- ◆ Press [TEXT] again and TV screen will display.

● PAGE SELECTION

- ◆ You can input 3 digital numbers to enter the page you want to watch through number buttons. If the inputted number is invalid, you need to input correct 3 digital numbers again after you finished inputting this 3 digital numbers.
- ◆ You can select to turn pages forward or backward through [CH+/-] button.

● MIX MODE

This function may let you enjoy TV and teletext information at the same time.

- ◆ When a certain teletext page displays, press [MIX] button, TV and teletext information will display on screen at the same time.
- ◆ Press [MIX] button again and only teletext image displays.
- ◆ In mix mode, the disturbance lines on teletext characters are easy to appear, so you are not recommended to select this mode.

Note : Press [CANCEL] button to cancel teletext.

● LOCK

You can press [HOLD] button to lock teletext page. Press this button again to cancel locking.

● INDEX

Pressing [INDEX] button to display content page.

Enter a certain teletext page through inputting number buttons.

● ZOOM IN TELETEXT

- ◆ When teletext page shows, you may double zoom in to display this teletext page;
- ◆ Press [SIZE] button to zoom in the upper half part of the teletext page;
- ◆ Press [SIZE] button again to enter the lower half of the teletext page;
- ◆ Press this button once more to return to the original display mode.


● DISPLAY MODE

Press [REVEAL] button to display the hidden teletext information. Press this button again to cancel.

● COLOURIZED BUTTONS (RED, GREEN, YELLOW, BLUE)

Select the corresponding teletext page through colourized buttons.

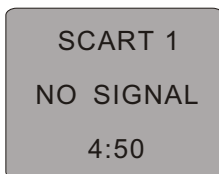
VIDEO SETTING MENU

The menu setup of SCART/ S-VIDEO/ COMPONENT/ HDMI modes is the same as that of TV mode, except the "  "section . You can find it in preceding pages.

NOTE

If no signal input in DTV, ATV, SCART/ AV / S-VIDEO/ COMPONENT/ HDMI, the screen will show as below.

This unit will switch to standby mode automatically if there is no signal input for more than 5 minutes.



The VGA mode supported up to 1366X768@75Hz(for 32"), you can use this unit as a multimedia PC monitor. When this unit works in VGA mode, the following setup can be done.

Press [SETUP] button to enter main section. Press [▲/▼] button to select sections and then press [▶] button or [OK] button to enter. If all is complete, please press [SETUP] button twice to exit and your setup data will be saved automatically.

VGA SETTING

Select VGA SETTING item to adjust such parameters as Contrast, Brightness, H-offset, V-offset, Frequency, Phase, Auto Adjust.



i NOTE

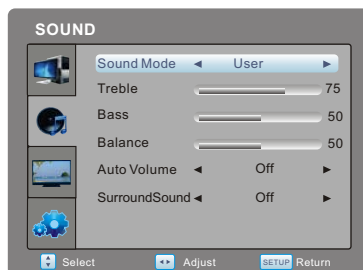
When your PC goes into standby mode, the screen will show as right side. This unit will go into sleep mode if no signal input for 5 minutes. In this mode, the indicator will remain green, and the screen will turn off. You can wake it up by waking up your PC.

VGA
NO SIGNAL
1 : 50

SOUND

Select SOUND item to adjust sound parameters. You may adjust Sound Mode, Treble, Bass, Balance, Auto Volume and Surround Sound.

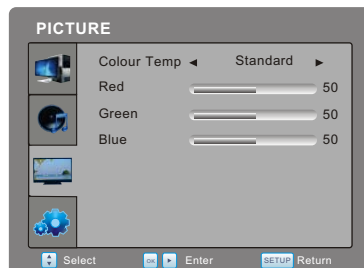
- Sound Mode item can be changed between Music, Film, News, User.
- Auto Volume item enables you to adjust Off or On for controlling volume automatically.
- Surround Sound item enables you to select Off or On for surround sound.



PICTURE

Select PICTURE item to adjust such parameters as Colour Temp, Red, Green, Blue.

- Colour Temp item can be set to: User, Standard, Warm and Cool.
- Red, Green and Blue items enable you to adjust RGB value of colour temperature.

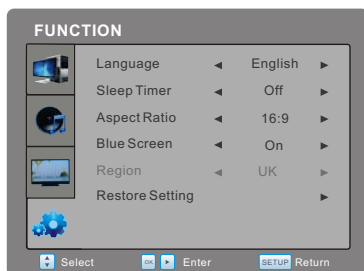


NOTE

- The picture will be displayed incorrectly while adjusting.

FUNCTION

Select FUNCTION item to adjust function parameters. You may select Language, Sleep Timer, Aspect Ratio, Blue Screen and Restore Setting.



- Language item enables you to select the OSD language.
- Sleep Timer item enables you to set the sleep timer (Off, 10 min, 20 min, 30 min, 60 min, 90 min, 120 min, 180 min and 240 min).
- Aspect Ratio item can be changed between 16:9 and 4:3.
- Blue Screen item can be changed between On and Off.
- Restore Setting item enables you to reset all values to default.

BRIEF INTRODUCTION









DVD provides brand-new AV effect for consumers with its extraordinarily large capacity and outstanding audio-video effects. Its capacity is as high as 4.7-17 GB (approximately 7-26 times the CD capacity) and horizontal resolution of picture is above 500-line.

Comparison between DVD and other Discs

	DVD				LD	SVCD	VCD	CD	CDROM
Recording Method	Digital/MPEG2				Analogue	Digital/MPEG2	Digital/MPEG1	Digital	Digital
Capacity	Single sided 1 layer 4.7G	Single sided 2 layers 8.5G	Double-sided 1 layer 9.4G	Double-sided 2 layers 17G		650MB	650MB	650MB	650MB
Playback Time	133min	242min	266min	484min	1 side 60min. 2 sides 120min.	45min	74min	74min	
Disc Diameter	12CM				30CM	12CM	12CM	12CM	12CM
Horizontal Resolution	500 lines or more				430 lines or more	350 lines or more	250 lines or more		
Aspect Ratio	Multiple				One				
Subtitle	32 types				Max. 16 types				
Audio	Linear PCM				Linear PCM FM modulation			Linear PCM	
Sound Quality	48kHz, 96kHz/16, 20, 24bit				44.1kHz/16bit		44.1kHz	44.1kHz/16bit	

Function Introduction

- Multiple languages and subtitles
DVD disc can support as many as 8 dubbing languages and 32 subtitle languages.
- Multiple story plots
User can select to play the desired plots (the beginning, development or ending) of the same disc.
- Multiple aspect ratios
Multiple aspect ratios support various TV screens.

Disc Pictures	TV Screen		
	4:3		16:9
	Pan-Scan	Letterbox	
4:3 			
16:9 			

FEATURES

This player employs the new generation MTK decode chip with more convenient system and more stable operation. Super error correction slot-in loader with twin laser with good shockproof performance.

■ Brand-new AV Effects

- 1 Compatible with MPEG 4 format discs to produce wonderful pictures.
- 2 108MHz/12bit video DAC with more vivid and brilliant pictures.
- 3 Progressive-scan video outputs to eliminate the flickers not rectified by interlacing scan and therefore your eyesight will be well-protected. At the same time, the pictures definition is sharply enhanced and the pictures will be finer, smoother and more stable.

■ Convenient Functions




- 1 Direct entry into desired scenes (title/chapter/time/track search).
- 2 Multi-level zoom in/out playback function to provide you with brand-new enjoyment method.
- 3 Multiple aspect ratios to fit TV sets of various screen ratios.
- 4 Parental lock function to prevent children from watching unsuitable discs.
- 5 Multiple dubbing languages and subtitle languages bring you the best entertainment status all the time.

■ Super compatible with VCD, SVCD, CD, HDCD, KODAK PICTURE CD etc.



NOTE: * Some discs labelled with MPEG4 on the market actually are *.rm/*.ra/*.ram/*.rmm and others which are not compatible. Please take care when buying discs.

COMPATIBLE DISC TYPES

Types	Sizes	Recorded Contents
	12cm	DVD: Compressed digital audio + compressed digital video (dynamic picture)
SVCD	12cm	SVCD: Compressed digital audio + compressed digital video (dynamic picture)
MPEG4	12cm	MPEG4: Compressed digital audio + compressed digital video (dynamic picture)
	12cm	VIDEO CD: Compressed digital audio + compressed digital video (dynamic picture)
	12cm	CD-DA: Digital audio

i NOTES

- Issues related to     

These icons on the top banner indicate the disc types that the function described in the section applies to.



Applies to DVD disc



Applies to VCD disc



Applies to MPEG4 disc



Applies to CD disc



Applies to SVCD disc

- This model does not support the 8cm disc. Do not insert that type of disc into this device to prevent a disc jam.
- This model supports DIVX playback, but with data rate of up to 10Mbps.

Region code

If the region code of the disc being played does not match the region code of this DVD player then the disc cannot be played. If you do try to do this a region violation notice will appear on the screen.

The region code for this player is region 2 (refer to the symbols below).

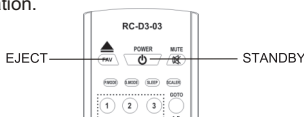


PLAYBACK



1. Power on and switch signal source to DVD mode and the unit begins to work.
2. Place the disc (with label side facing user) to the door and the unit will draw in the disc automatically.

- The unit begins to read disc information.



3. Press [PLAY] button to begin playing disc.

- When the unit is playing a disc, press [▶] button the first time and the unit enters pause state, while press [▶] button again and the unit resumes playback.

4. Press [STOP] button to stop playing.

- When the unit is playing a disc, press [■] button the first time and the unit enters pre-stop state, while press [■] button again and the unit enters stop state.
- At the pre-stop state, if you press [▶] button, the unit will continue to play from the stopped point.
- At the stop state, if you press [▶] button, the unit will play from the beginning point of the disc.
- Press [■] button when playing MPEG4 discs and the unit enters stop state directly.

5. Press [▲] button to take out disc.

6. When finishing playing, switch signal source to other working state and press [⏻] button to make the unit enter standby state. Please pull out the power plug from power socket when not using the unit for a long time.

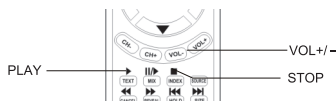
- [▲] button is effective only when selecting DVD signal source. In other signal source, such as TV, AV, etc, this button is invalid.

VOLUME CONTROL



1. Press [VOL+/VOL-] buttons to adjust volume.
2. Press [VOL+/VOL-] buttons on the remote control of this unit.

- Press [VOL+] button to increase volume; press [VOL-] button to decrease volume; the maximum volume is 100.



VCD, SVCD MENU PLAYBACK



- When playing SVCD, VCD2.0 discs with the menu playback function, you may enjoy simple menu playback alternative function. You may set menu playback state in the setup menu and select menu playback or sequence playback.

For instance, VCD 2.0 disc menu playback.

- TV screen displays main menu.



- Press number buttons to select. For instance, press number button 1 to select main menu 1.



- After entering main menu 1, TV screen displays submenu.

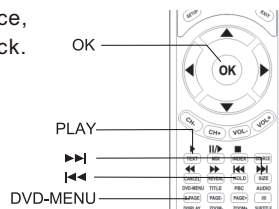


- Press [◀], [▶] buttons to turn pages.

- Press number buttons to select submenu content. For instance, press number button 5 and the unit begins to play the fifth track.



- When playing, pressing [DVD-MENU] button to return to the root menu.



MEMORY



- This player can save the currently played time point automatically when you leave the current DVD disc playback (switch from DVD to card read state, switch from DVD signal source to other signal source, enter standby state in DVD mode).
- When switching to DVD playback state again, this player can automatically search the time point saved last time to continue playing. If you want to play from the beginning, please press [■] button twice and then press [▶] button.



i NOTE

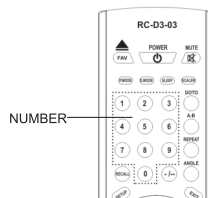
- This player may save one DVD disc for one time.
- The DVD disc played the last time will be saved, and the former saved contents will be cleared by new saved contents.
- If power is cut off unexpectedly, the DVD disc played currently will not be saved.

SELECT TRACK TO PLAY DIRECTLY BY NUMBER BUTTONS



1. Insert disc, after disc reading and normal playback, press number buttons to select track to play directly.

- If track number is less than 10, press number buttons 1 to 9 to directly select. For instance, select the seventh track: **7**
- If track number is more than or equal to 10, press [-/-] button and then number buttons 0 to 9. For instance, select the 16th track **1 + 6**
- If track number is more than or equal to 20, press [-/-] button twice and then number buttons 0 to 9. The rest can be performed by analogue.



SELECT LANGUAGE/AUDIO



1. Press [AUDIO] button.

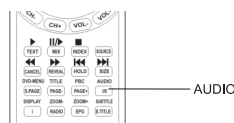
- As for DVD discs with multiple languages, you may select the desired language when playing.

DVD disc:



- As for SVCD, VCD or CD disc with multiple channels, you may select audio output from left or right channel or select stereo audio output. For VCD disc, left channel records dubbing and right channel records singing, and you may select left channel for dubbing.

SVCD, VCD, CD disc:



i NOTE

Language type varies with disc recording.

- For VCD story disc with double languages, you may press [AUDIO] button to select the desired language.
- When playing some DVD discs, pressing [AUDIO] button to switch language may result in playing the track from its beginning.

REPEAT PLAYBACK



- The repeat playback function enables a certain title/chapter/track/disc repeated.

1. Press [REPEAT] button. Each press of REPEAT button may realize different repeat functions.

■ DVD DISC:

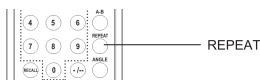


■ SVCD, VCD, CD discs:

- To SVCD, VCD2.0 discs, the repeat function is effective in sequence playback mode; to VCD1.1, CD discs, the repeat function may be directly operated.



- To SVCD, VCD2.0 discs, the repeat function cannot be operated in menu playback mode.



REPEAT PLAYBACK OF SELECTED SEGMENT



- When playing disc, you may press [A-B] button to play your desired segment content repeatedly.

1. In normal playback, press [A-B] button at the beginning point (point A) of the segment that you desire to play repeatedly.



2. In normal playback, press [A-B] button at the ending point (point B) of the segment that you desire to play repeatedly.



- The unit automatically returns to point A and begins to play the selected segment (A-B).

3. Press [A-B] button for the third time.

- The unit restores to normal playback.



i NOTE

- The A-B repeat function may be invalid for some discs. In menu playback mode, the segment can only be selected in the track.

FAST PLAYBACK



- When playing discs, you may select fast forward or fast backward playback to search for a certain point.

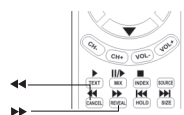
1. Press [▶▶] button and the unit begins fast forward playback.

- Press [▶▶] button each time and the disc playback speed switches in the following sequence circularly:



2. Press [◀◀] button and the unit begins fast backward playback.

- Press [◀◀] button each time and the disc playback speed switches in the following sequence circularly:



PLAY FROM THE DESIRED POSITION



■ Play DVD disc

- Inputting a certain time, title number or chapter number directly may search the disc quickly and then play forward from this position.

1. Search title and chapter. For instance, search the 2nd chapter in title 6.

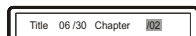
- Press [GOTO] button and TV screen displays:



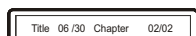
- Press [◀/▶] button to move cursor and lighten the title number, shown in the figure:



- Then press number button 6 to select Title 6, shown in the figure:



- Finally press number button 2 to select Chapter 2, shown in the figure:



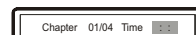
2. Search title time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.



3. Search chapter time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.



■ Play MPEG4 disc

1. Select track

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input the track.



2. Search track time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.



■ Play SVCD, VCD and CD discs

1. Search disc time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input minute and second.



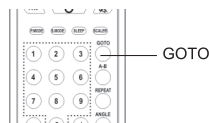
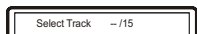
2. Search track time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input minute and second.



3. Select the track

- Press [GOTO] button until TV screen displays the following figure. Press number buttons to input track.

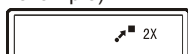


ZOOMING THE DISPLAYED FRAME



- Zoom in/out the player frame.

- When playing a disc, press the [ZOOM+/-] button can open the zoom in/out function, and the TV screen displays(take X2 mode as an example):



- The frame is magnified to 2 times of the normal size.
- Press the [ZOOM +] button continually, all the magnified/ minified modes display on the screen in turn. The magnified/ minified modes includes:2X,3X,4X.
 - Press the [ZOOM -] button continually, all the magnified/ minified modes display on the screen in turn. The magnified/ minified modes includes:1/2,1/3,1/4.
 - When the mode is on 4X, press [ZOOM +] button to close the zoom in/ out function, and the frame restores normal size. When the mode is on 1/4,press [ZOOM -] button.
 - When the picture is magnified, press the [▲/▼◀/▶] buttons to move the frame.

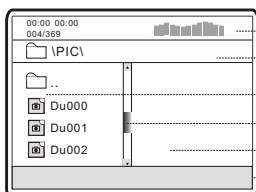


MPEG4 AND JPEG FILE PLAYBACK

MPEG4 is the audio standard published by MPEG(Moving Pictures Experts Group) in November, 1998. As the discrepant parts between frames of picture are only processed and the same parts are deleted, the data number are greatly decreased. The most distinct feature of MPEG4 is the high compression and clear imaging. Furthermore, MPEG4 provides elastic specifications to adjust the stream according to the used requirements. The larger stream can be used when collecting private films; and the small stream can be used in network transferring, which make MPEG4 use widely.

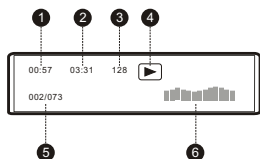
JPEG(Joint Photographic Experts Group) is the most widely used picture compression and storage format today. Utilizing high efficiency compression algorithm, JPEG compresses the original picture 15 to 20 times with excellent picture quality. JPEG is featuring small size data, convenient application and supported by most picture processing software, so it is very fit to store photos.

The strong decoding capability of this unit can decode and play the files with the above formats. In the course of playing, an operation menu will appear and its construction is shown as follows.



- | | |
|--|--|
| ① State window | ④ Scroll bar window |
| Display the current state information. | Indicate the current file's position. |
| ② DIR window | ⑤ Preview window |
| Display the current path. | JPEG image preview. |
| ③ File window | ⑥ Information window |
| Display the current path's file. | Display the current operation prompts. |

The state information in state window is as follows:



- | |
|--|
| ① Elapsed playback time |
| ② Total playback time |
| ③ The audio bit rate (generally the bit rate is 128kbps, sometimes it is VBR.) |
| ④ Current playback mode indicator |
| ⑤ Track indicator |
| ⑥ Dynamic frequency spectrum indicator |

1. Play MPEG4 file

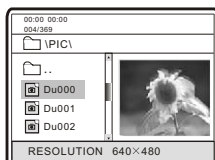
After you put an MPEG4 format file into the unit, it will search disc information and display the operation menu as figure A (The displayed content varies with disc.).



- Press [▲/▼] button to select the directory you desired and press [OK] button to confirm.
For instance, you select the directory Du000 in Figure A, press [OK] button and TV screen displays as in Figure B. The window returns to the previous directory when you select [⏮....] or press [◀] button.
- In Figure B, press [▲/▼] button to select the MPEG4 format file you desired and press [OK] button to confirm. The unit begins to play MPEG4 format movie.

2. Play JPEG file

After you put an JPEG format file into the unit, it will search disc information and display the operation menu as in the following figure. After selecting JPEG file, the preview window will appear this file's preview image to facilitate you to select. After you select the JPEG file you desired and press [OK] button to confirm, the picture will display in full screen.



■ Other basic operation methods

1. Press [◀], [▶] button may turn to the next or last page.

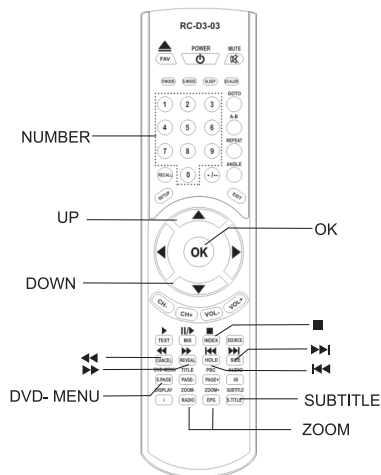
■ Other functions of JPEG file

1. When playing JPEG file, press [ZOOM] button to enter zoom in/out, and press it again to stop this function.
2. When in zoom in/out, pressing [▶] button may magnify the picture and it can magnify the frame twice at most as the original one. Pressing [◀] button may minify the picture and it can minify the frame half at most as the original one.

3. When playing JPEG file, pressing [■] button may realize preview playback function.

At the same time, all JPEG files are displayed on the TV screen. One frame can display up to 12 pictures at most. The other ones are shown on the next frame. Pressing [►►] button may enter the next frame and [◄◄] button may enter the previous frame. You may press number buttons or [▲/▼] button to select the picture you desired and press [OK] button to confirm.

4. When in preview playback, pressing [DVD-MENU] button may exit preview playback function.



i NOTE

When buttons are invalid, TV screen displays:



- Please press effective button again.

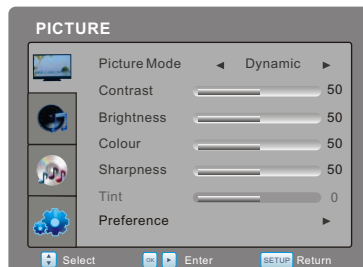
PICTURE

Select **PICTURE** item to adjust picture parameters. You may adjust Picture Mode, Contrast, Brightness, Colour, Sharpness, Tint and Preference.

- Picture mode item can be changed between User, Standard, Soft, Dynamic.

You may adjust Brightness, Contrast, Colour, Sharpness, Tint for User mode.

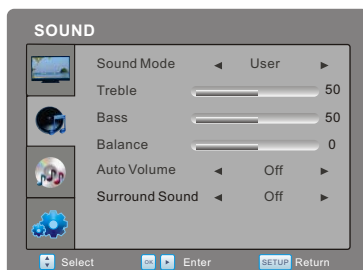
- Preference item enables you to enter sub menu. Colour Temp. item can select colour temperature mode: Normal, Warm, Cool and User.
- Noise Reduction item can select reduce noise mode: Off, Low, Middle, High.



SOUND

Select **SOUND** item to adjust sound parameters. You may select Sound Mode, Treble, Bass, Balance, Auto Volume and Surround Sound.

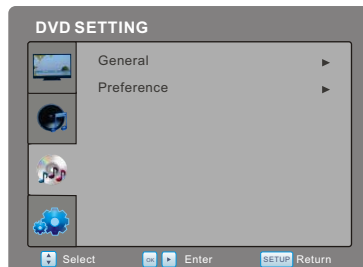
- Sound Mode item can be changed between Music, Film, News, User.
- Auto Volume item enables you to adjust Off or On for control volume automatic.
- Surround Sound item enables you to select Off or On for surround sound.



DVD SETTING

Press [SETUP] button, and the main menu will show as follows:

By pressing [▲/▼] button on the remote control, you can select the following items, "General", "Preference", press [▶] or [OK] button to confirm.



■ GENERAL SETUP

You may select TV DISPLAY, SCREEN SAVE and DOWNMIX and Divx.

TV display: this item is used to set the output picture ratio of this unit.

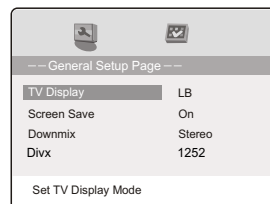
- Optional settings: Normal/Pan-Scan, Normal/Letterbox, Wide Screen; Default: Normal/Letterbox

Screen Save: Open or close the screen saver

- Optional settings: Off, On; Default: On

Downmix: this item is used to set this unit's DOWNMIX mode to change multi-channel audio into 2-channel audio output.

- Optional settings: Stereo, LT/RT; Default: Stereo



Divx: this item is used to set the codepage (character encoding table) for MPEG-4 format subtitles.

1252 - West European Latin (used by Western European languages)

1250 - East European Latin (used by Central & Eastern European languages)

1251 - Cyrillic (used by Belarusian, Bulgarian, Macedonian, Russian, Serbian and Ukrainian languages)

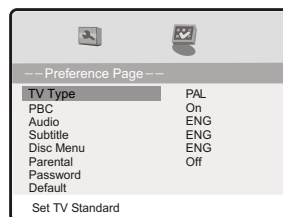
■ PREFERENCE SETUP

TV Type: To set the output video system of this player.

- Optional settings: Auto, PAL, NTSC; Default: PAL

PBC: this item is used to set PBC state.

- When playing SVCD, VCD2.0 discs, if PBC is set On, this unit enters PBC playback mode; if PBC is set Off, the unit plays the disc according to track sequence.
- Optional settings: On, Off; Default: On



Audio: this item is used to set the preference audio language when playing.

Subtitle: this item is used to set the preference subtitle language when playing.

Disc menu language: this item is used to set the preference disc menu language when playing.

- Default of disc menu language: English
- Default of subtitle: English

i NOTE

- Audio, subtitle and disc menu language are only effective to DVD disc.
- If the disc is not recorded with the language you appointed, the unit will apply the language that the disc appointed to play.
- Select other languages: press [▲/▼] button to move cursor to "OTHER" item, press [OK] button and then number buttons to input the language code you desire. After input finishes, press [OK] button again.

Parental: this item is used to set the parental control ratings to prevent children from watching the restricted contents. (In case the disc supports this function)

- Optional settings: KID SAFE, G, PG, PG 13, PGR, R, NC17, ADULT, Off; Default: Off

i NOTE

- When changing the parental control ratings, a password is needed. Please refer to the following password item for details.

Password: this item is used to set a four digital password to enable you to change the parental control ratings.

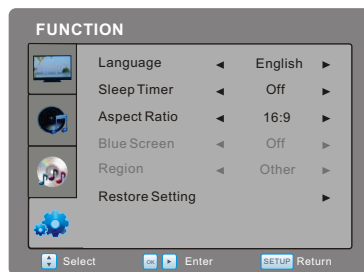
- Default: 7890

Default: this item is used to restore all settings to the default value except "Parental control" and "Password" in the setup menu.

FUNCTION

Select **FUNCTION** item to adjust function parameters. You may select Language, Sleep Timer, Aspect Ratio, Blue Screen and Restore Setting.

- Language item enables you to select the OSD language.
- Sleep Timer item enables you to set the sleep timer (Off, 10min, 20min, 30min, 60min, 120min, 180min and 240min).
- Aspect Ratio item can be changed between: Auto, 16:9 and 4:3 (Auto is invalid for VGA)
- Blue Screen item can be changed between On and Off.
- Restore Setting item enables you to reset all values to default.



Please check for causes of problems in accordance with the following chart before contacting any maintenance personnel.

DISPLAY TROUBLESHOOTING

Symptom	Causes and Correction
Black screen, power indicator light off	◆ Check whether power cord is correctly connected, and whether this unit is in power on.
	◆ Check whether the signal cord of input device is correctly connected.
	◆ Check whether input device is in power on mode.
Image display flicker, unstable	◆ Check whether the input device signal is in this unit's specification
	◆ Check computer output mode: control panel-display-setup
	◆ If the setup does not accord with this unit's specification, please change the display setup
	◆ Hor scanning frequency: 30kHz~75kHz ◆ Ver scanning frequency: 50 Hz~75Hz

SOUND AND TV TROUBLESHOOTING

Symptom	Causes and Correction
Cannot power on	◆ Please make sure the power cord is connected correctly.
No sound	◆ Please make sure the audio cord is connected correctly.
	◆ Check volume.
	◆ Make sure there is nothing plugged into the headphone jack.
Volume too low	◆ Check volume.
	◆ If volume is still too low when adjusting volume to maximum, please check whether the input device is correctly set.
Snowy picture	◆ Input antenna damaged or not correctly connected.
Remote control failure	◆ Check whether remote control batteries are functioning.
	◆ Check the battery installation is correct.
	◆ Check whether an obstacle is between the remote control and the unit's receiving window.
	◆ Check whether the receiving window has a strong light.

DVD TROUBLESHOOTING

Symptom	Causes	Correction
Not play	<ol style="list-style-type: none"> 1. Condensation on laser head 2. Disc not properly loaded 3. Disc not compatible with the unit 	<ol style="list-style-type: none"> 1. Switch on power and wait for 1 to 2 hours 2. Make sure label side of the disc is facing up 3. Confirm whether this unit compatible with the inserted disc
Sound distortion	<ol style="list-style-type: none"> 1. Too large volume of connected device 2. Sound field mode not suitable for disc 	<ol style="list-style-type: none"> 1. Adjust the device volume 2. Adjust appropriate sound field
No sound	<ol style="list-style-type: none"> 1. Disc warped or dirty 2. The unit in mute state 	<ol style="list-style-type: none"> 1. Clean the disc 2. Press MUTE button to cancel it.
No image	<ol style="list-style-type: none"> 1. TV not set for proper system 	<ol style="list-style-type: none"> 1. Reset AV/TV state of TV
No colour	<ol style="list-style-type: none"> 1. TV system not right 2. TV colour not well adjusted 	<ol style="list-style-type: none"> 1. Try to change the colour system 2. Reset the TV colour
No disc reading	<ol style="list-style-type: none"> 1. Disc warped or dirty 2. Disc not correctly placed 3. Condensation on laser head 	<ol style="list-style-type: none"> 1. Clean the disc 2. Reload a disc with label side facing up 3. Switch on power, unload disc and leave it for about 1 hour
Temporary function failure	<ol style="list-style-type: none"> 1. Mal-fabricated disc used 2. Wrong buttons pressed 3. Static leakage into the unit from outside 	<ol style="list-style-type: none"> 1. Wait for 5 to 10 seconds to restore to normality automatically 2. Operate again 3. Power off for 1 to 2 minutes to power on again
No subtitle	<ol style="list-style-type: none"> 1. No subtitle made in disc 2. The unit subtitle is turned off 	<ol style="list-style-type: none"> 1. Disc problem 2. Press Subtitle button to select it
Image rolling	<ol style="list-style-type: none"> 1. System setup not suitable for disc 	<ol style="list-style-type: none"> 1. Adjust system mode

- If the above methods still cannot solve the problems or the troubles are special, please contact the local maintenance personnel.

LCD Screen	32": 81 cm		
Panel	Resolution	32": 1366 x 768	
Input signal	ATV	Video System	PAL、SECAM
		Frequency Band	42.25-- 863.25 MHz
		Sound System	BG/DK/I/L/L' NICAM/A2
	DTV	Frequency Band	VLF(50.5-142.5MHz)
			VHF(149.5-426MHz)
			UHF(434-858MHz)
		Channel bandwidth	7/8M
		Modulation	COFDM 2K/8K QPSK,16QAM, 64QAM
		Video System	MPEG-2 MP@ML
		Sound System	MPEG-1 layer 1,2
		Basic Functions	EPG, Subtitle, Teletext (EURO)
	CVBS	Input Level	1.0Vp-p +/-10%
		Format	PAL,NTSC,SECAM
	Analog RGB	Format	DOS、VGA、SVGA、XGA、SXGA
		Color	24BIT
		H-Frequency	30—85KHz
		V-Frequency	56—75Hz
	YPbP (YCbCr)	Format	480i,576i,1080i,480p,576p,720p 1080P
	S-video	S-Y:0.7 Vp-p: ±5% S-C:0.3 Vp-p: ±5%	
	DVD	Compatibility of Disc	CD, HDCD , VCD , DVD, DVD+R, DVD-R, , DVD+RW, DVD-RW
		Multimedia formats	JPEG, MP3, WMA, MPEG-1, MPEG-2, MPEG-4, DIVX3.xx , DIVX5.11 ;

	Scart 1	Full Scart	
	Scart 2	Half Scart	
	HDMI1/HDMI2	Format	480i,576i,1080i,480p,576p,720p 1080P
	Audio Input Level	0.2-2 Vr.m.s.	
Comb Filter	3D		
Teletext	1000 Page		
Terminals	INPUT	TV/DTV	1 IEC 75 Ω
		Analog RGB	1 D-SUB 15 Jack
		SCART1	1 SCART Jack
		SCART2	1 SCART Jack
		YPbPr/YCbCr	3 RCA Jack (Green/Blue/Red)
		PC Audio	1 Headphones jack
		YPbPr Audio	
		S-Video Audio	
		HDMI 1	1 HDMI Jack
		HDMI 2	1 HDMI Jack
	CI Solt	1 CI Solt	
	Output	Audio	1 Earphone Jack
Power	AC	100-240V 50Hz	
	Standby Mode	<1W	
Other	Amplifier	2 X 6W（8Ω）	

Below the preset mode for VGA, YPbPr (pixel format, H-Frequency and V-Frequency)

✦ ANALOGIC RGB FORMAT TABLE

Pixel Format	Resolution	Horiz. Freq. (KHz)	Vert. Freq. (Hz)	Standard
SXGA	1280X1024	63.5 80.0	60 75	VESA
XGA	1024X768	48.4 56.5 60.0	60 70 75	VESA
SVGA	800X600	37.9 47.2 46.9	60 72 75	VESA
VGA	640X480	31.5 37.9 37.5	60 72 75	VESA
DOS	640X480 720X400	31.5 31.5	60 70	VESA

✦ YPbPr FORMAT TABLE

Format	Resolution	Horiz. Freq. (KHz)	Vert. Freq. (Hz)
576i	576	15.63	50.00
480i	480	15.73	59.94 60.00
576p	576	31.26	50.00
480p	480	31.47	60.00
1080i/50	1080	28.13	50.00
1080i/60	1080	33.75	60.00
720p/60	720	44.96	59.94 60.00
1080P/50	1080	56.26	50.00
1080P/50	1080	67.5	60.00

i NOTES

- This product does not support the display mode not listed above. In order to achieve the best display effect, please select the above-listed 20 display modes input signal.
- Because of the difference of display card output signal (especially non-standard signal output), the display image may appear with a little disturbance which can be adjusted through "AUTO CONFIG" in the "PICTURE" menu by users.
- To prolong this unit's service life, you are suggested to use power management function of computer.

Care and Maintenance

Handling Discs

- To remove a disc from its storage case, press down on the centre of the case and lift the disc out.
- Discs should be returned to their cases after use. This avoids serious scratches that could cause the laser pickup to skip.
- Hold the disc by the edges, to avoid touching the recorded side of the disc.
- Fingerprints and dust should be carefully wiped from the disc's surface with a soft cloth.
- Never use chemicals such as record sprays, antistatic sprays, benzene, or thinners to clean the discs. These chemicals can irreparably damage the disc's surface.
- Audio discs and DVD discs have no grooves to collect dust and microscopic debris so gently wiping with a soft cloth should remove most particles.
- Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains should have no effect on reproduction quality.
- Do not expose discs to direct sunlight, high humidity, or high temperatures for extended periods. Exposure to high temperatures can warp the disc.
- Do not stick paper or write anything with a ball point pen on the label side of the disc.

Disposal



UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist, for your nearest facilities see www.recycle-more.co.uk or in-store for details.

*ROI: Produced after 13th August 2005
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.*

Warranty

Your TESCO appliance is covered by a warranty for 12 months from the date of purchase. If a fault develops during this period, please contact the TESCO electrical help line on 0845 456 6767. Please have your original purchase receipt with you when you call. This warranty in no way affects your consumer rights.

Technika

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Tesco Electrical Helpline 0845 456 6767

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Over 50 free channels
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To check FREEVIEW coverage, text your postcode followed by your house number or name to 83331* or visit www.freeview.co.uk

*e.g. NW9 6NY 1, costs no more than a normal text. The FREEVIEW service is subject to coverage. An aerial upgrade may be required. FREEVIEW wordmarks and logos are trade marks of DTV Services Ltd and are used under licence. © DTV Services Ltd 2002. Channels subject to change. The channel logos are trade marks of their respective owners.

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